

ISAF-PMF / changes with respect to the paper program booklet

Monday, July 22

Withdrawn oral presentation Session PFM-C3 PFM, Club B		
5:15-5:30 pm	PFM-C3-3 “Formation of Ordered and Disordered Nanodomain Chains as a Result of Switching by Conductive Tip of Scanning Probe Microscope”	Anton Ievlev
New oral presentation Session PFM-C3 PFM, Club B		
5:15-5:30 pm	PFM-C3-3 “Nonlinearity in the Piezoresponse Near Single Grain Boundaries in Thin Film Ferroelectrics”	Dan Marincel

Withdrawn oral presentation Session PFM-C3 PFM, Club B		
5:15-5:30 pm	ISAF3-B1-6 “Microwave Dielectric Properties of Relaxor Ferroelectric $\text{Pb}(\text{In}_{1/2}\text{Nb}_{1/2})\text{O}_3$ - $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - PbTiO_3 Single Crystals”	Li Jin
New oral presentation Session PFM-C3 PFM, Club B		
3:15-3:30 pm	ISAF3-B1-6 “Dielectric & Piezoelectric Enhancement of Potassium Niobate/Barium Titanate Nano-complex Ceramics with Parallel Configuration of Structure Gradient Regions”	Satoshi Wada

Withdrawn poster presentation		
1:00-2:00 pm 3:30-4:30 pm	PFM-PA-10 “Buffer layer effect on microstructures and properties of $\text{Pb}(\text{Zr,Ti})\text{O}_3$ - CoFe_2O_4 layered thin films”	Hongcai He

Tuesday, July 23

The following oral talks were not shown fully or at all in the program due to a technical omission:

Oral presentations omitted or incomplete in program Session ISAF3-E1 Lead-free ceramics: E-field Effects, Club E		
3:00-3:15 pm	ISAF3-E1-5 “Exploration of Microscopic Mechanisms of the Polarization Switching in Lead-free BZT-xBCT Ferroelectrics”	Serge Zhukov
3:15-3:30 pm	ISAF3-E1-5 “Electric Field Effects on Piezoelectric and Ferroelastic Strain in $(1-x)\text{Ba}(\text{Zr}_{0.2}\text{Ti}_{0.8})\text{O}_3$ - $x(\text{Ba}_{0.7}\text{Ca}_{0.3})\text{TiO}_3$ Piezoceramics”	Matthias Ehmke

(We apologize to the authors and participants for the error.)

Withdrawn poster presentation		
1:00-2:00 pm 3:30-4:30 pm	ISAF-P2B-28 “Magnetoelectric Coupling of $\text{Pb}(\text{Zr}_{0.52}\text{Ti}_{0.48})\text{O}_3/\text{Pt}/\text{CuFe}_2\text{O}_4$ Multilayer Thin Films”	Sung-Ok Hwang

New poster presentations		
1:00-2:00 pm 3:30-4:30 pm	ISAF-P2B-X1 “3D Sensor Based on Polyvinylidene Fluoride (PVDF)” (former ISAF-P4D-22)	Yung Ting
1:00-2:00 pm 3:30-4:30 pm	ISAF-P2B-X2 “Using d_{14} for a New Wedge-Type Piezoelectric Motor” (former ISAF-P4D-36)	Yung Ting

Wednesday, July 24

Withdrawn oral presentation Session ISAF4-H2 Novel Ferroelectric Devices, Club (C+D)		
2:45-3:00 pm	ISAF4-H2-4 “Photopyroelectric Breakdown in Mg-doped LiTaO_3 Crystal During Second Harmonic Generation”	Kenji Kitamura
New oral presentation Session ISAF4-H2 Novel Ferroelectric Devices, Club (C+D)		
2:45-3:00 pm	ISAF4-H2-4 “Piezoelectric Films for High Density Switching Arrays for Logic”	Ryan Keech

Thursday, July 25

Oral presentation moved to Monday		
Session ISAF2-M2 Piezoelectrics, Club (C+D)		
2:00-2:15 pm	ISAF2-M2-1 "Dielectric & Piezoelectric Enhancement of Potassium Niobate/Barium Titanate Nano-complex Ceramics with Parallel Configuration of Structure Gradient Regions"	Satoshi Wada
New oral presentation		
Session ISAF2-M2 Piezoelectrics, Club (C+D)		
2:00-2:15 pm	ISAF2-M2-1 "Angular Dispersion of Oblique Phonon Modes in BiFeO ₃ from micro-Raman scattering"	Jan Pokorny
Poster presentations moved to Tuesday		
1:00-2:00 pm 3:30-4:30 pm	ISAF-P4D-22 "3D Sensor Based on Polyvinylidene Fluoride (PVDF)" ISAF-P4D-36 "Using d ₁₄ for a New Wedge-Type Piezoelectric Motor"	Yung Ting

IFCS-EFTF / changes with respect to the paper program booklet

Thursday, July 25

Withdrawn oral presentation Session IFCS-EFTF3-K1. Space missions and clocks II		
09:45-10:00 am	IFCS-EFTF3-K1-5 Next generation JPL ultra-stable trapped ion atomic clocks	Eric Burt

New oral presentation Session IFCS-EFTF3-K1. Space missions and clocks II		
09:45-10:00 am	IFCS-EFTF3-K1-5 Compact, High-Performance CW Double-Resonance Rb frequency Standard : present status	Thejesh Bandi

Plenary Session IV and Roundtable Discussion, Thursday July 25, 4:30–6:15 pm

Session Chair, Ahmad Safari

IFCS-EFTF: Patrick Gill, National Physical Laboratory, UK
Optical Clocks – Way ahead of their Time?

ISAF-PFM: Andreas Schoenecker, Fraunhofer IKTS, Germany
Smart solutions for a sustainable future – advances in smart materials, production technologies and applications

IUS: Roman Maev, University of Windsor, Ontario, Canada
New Generation of High Resolution Ultrasonic Imaging Technology for Material Characterization and NDT in Advanced Automotive Manufacturing

Roundtable discussion: 5:45–6:15 pm
Patrick Gill, Andreas Schoenecker, Roman Maev